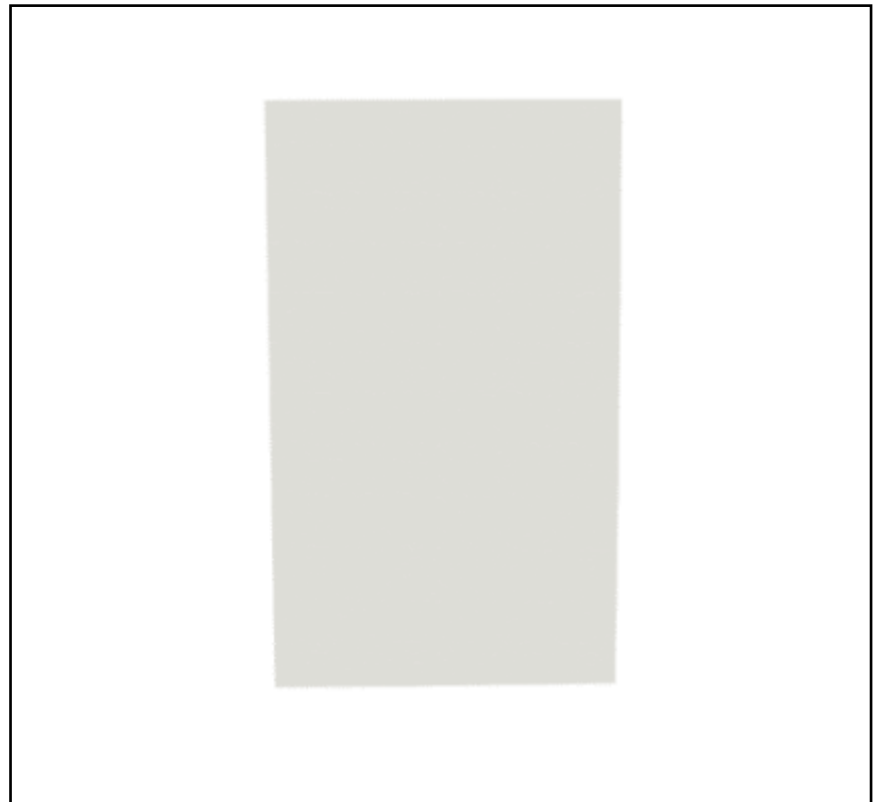


FEATURES

- Foam layer provides an outstanding operating temperature ranging
- No melting when heated
- Noise reducer with high sound absorption and insulation
- The adhesive Foam diameters are 1000 x 600 x 25 mm

RS PRO Adhesive PUR Foam Acoustic Insulation, 1m x 600mm x 25mm

RS Stock No.: 293035



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Soundproofing and noise level reduction is a necessity in today's demanding world; therefore, it is even more crucial to find the right acoustic Foam, which might be a bit of a challenge.

Suppose you want to control the acoustic level. In that case, RS PRO Adhesive Foam with dimensions of 1000 mm x 600 mm x 25 mm coming in a pack of 2 will assist in reducing reverberation, reflection and flutter echoes.

The thickness of 25 mm with 1 m long Foam with outstanding operating temperature parameters of -73°C up to +107°C is offering protection for the ingress of dust, moisture and chemicals to withstand unfavourable weather conditions.

General Specifications

Material	PUR Foam
Adhesive Backing	Yes
Polymer Type	Open Cell Polyether
Colour	Dark grey
Fire Resistance	Self-Extinguishing
Applications	Reducing noise level for machines in production lines, warehouses, garages, workshops etc., Automotive, Marine, Aerospace ,HVAC (Heating, Ventilation, and Air Conditioning), OEM (Original Equipment Manufacturer), Ductwork lining, Sound reduction panel in generators, boats, cars, off-road vehicles, process plant and electrical equipment

Mechanical Specifications

Length	1m
Width	600mm
Thickness	25mm
Typical Sound Attenuation	10; 25; 30dBA
Specific Gravity	1.95/2.05
Shore Hardness 0 A	60
Tensile Strength	4000N/m
Elongation At Break	Machine dir 2.8% - Cross dir 3.5%
Weight Per Square Meter At 1.4mm	3.4kg
Density	27-30kg/m ³
Thermal Conductivity	0.036W/m.k
Water Vapour Permeability	0.05g/m ² /24h
Burning Class	Class O
Corrosion 60°C/95%R.H/24h	0
Burst Strength	200kPa
Infrared Reflectivity	85%
Sheet Coverage	1.44m ²
Impact Sound Insulation	56dB
Airbourne Sound Insulation	60dB
Thermal Resistance	2.05m ² K/W
Dimensional Stability	<2% (4hr At 100°C)
Surface Tension	>44dynes/cm
Flammability	<100mm/min
Sound Absorption At 12mm	αw 0.30

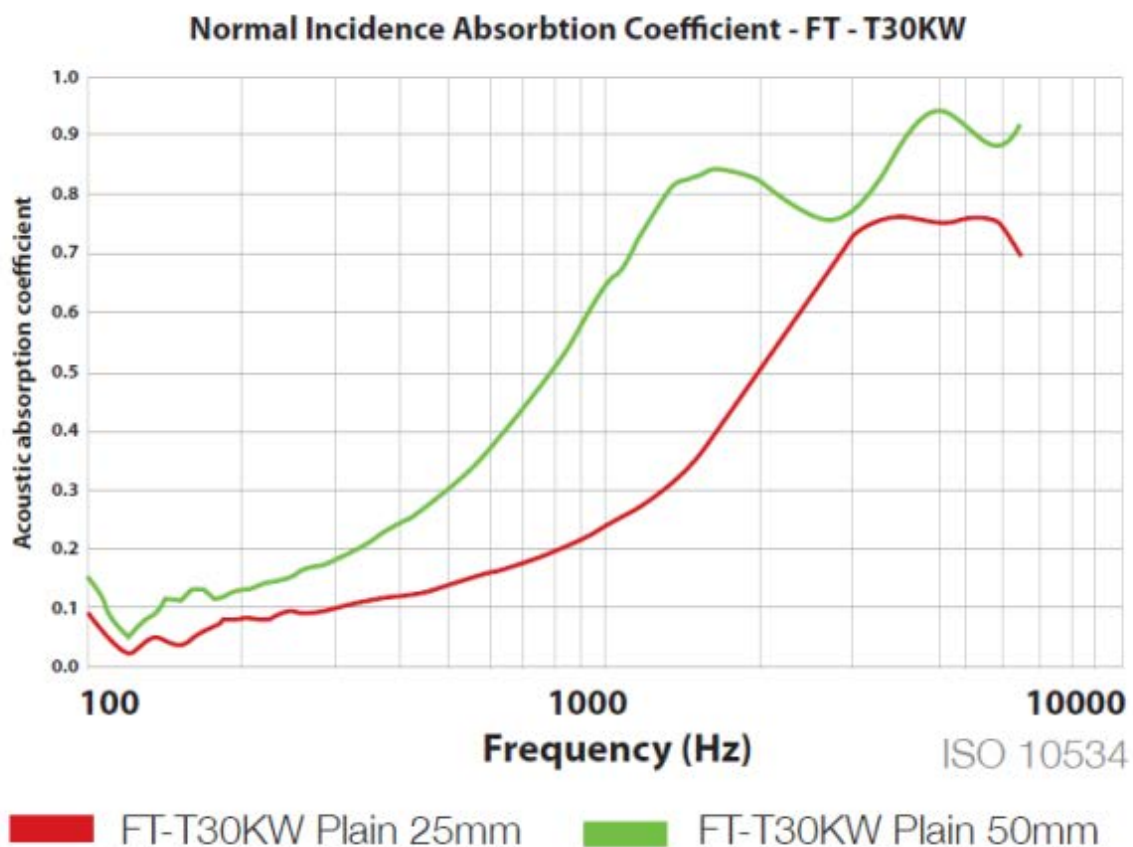
Operation Environment Specifications

Maximum Operating Temperature	107°C
Minimum Operating Temperature	-73°C
Temperature Resistance	-30 to 110°C

Approvals

Compliance/Certifications	CE / UR / cUR
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Characteristics	Test Method	Result
Basic Weight	DIN EN ISO 536	89 g/m ²
Tensile Strength	DIN EN ISO 1924	4000 N/m
Elongation	DIN ES ISO 1924	Machine dir 2.8% - Cross dir 3.5%
Temperature		-5°C to +90°C
Water Vapour Permeability	DIN ES ISO 12572	0.05 g/m ² / 24 h
Burning Class	BS476	Class O
Corrosion 60°C/95% R.H. / 24 h		0
Burst Strength	DIN EN ISO 2758	200 kPa
Infrared Reflectivity		85%



Characteristics	Test Method	Result
Support		PES/PVA Scrim
Interliner		Release paper, yellow, 90 g/m ²
Adhesive Weight		90 g/m ²
Total Thickness		0.10 mm
Temperature Resistance		-40°C to +90°C
Adhesive Strength	AFERA 5001	Min 18N/25mm – Contact time 1 Hour